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Ag 854E SPRING SEMESTER 1957

EVENING COURSES

JAN 1 1 1957

REGISTER FEBRUAR

U. S. DEPARTMENT OF AGRICULTURE



Courses For High School and College Graduates

Graduate School U.S. Department of Agriculture

14th Street and Independence Avenue, S. W. Washington 25, D. C.

REGISTER FEBRUARY 2-9 GENERAL INFORMATION

Registration Week: February 2-9, in the Patio (first floor) of the Administration Building, U. S. Department of Agriculture, 14th Street and Independence Avenue, S.W., Washington 25, D. C.

Saturdays 9-4 p.m.

Monday-Friday 11-6:30 p.m.

Procedures: Registration must be completed in person, or by someone acting for the registrant. Registration may not be completed by mail. Transcripts of previous educational records are not required, but graduation from high school or the equivalent is the general prerequisite for all courses. In addition, the more advanced courses have specific prerequisites. These are listed in the course descriptions contained in the catalog. Copies of the catalog are available in the personnel and training offices of agencies of the Federal Government and in the Graduate School office. Copies may also be obtained at the time of registration.

Counseling: Members of the Graduate School staff are on hand for counseling, before and during the registration period.

Fees: The charge for tuition is in general \$12 for each credit hour, payable at the time of registration. Arrangements may be made to pay one half of the tuition at that time, in addition to a \$1.00 service charge. The second payment is due by March 8.

Late Registration: After February 9, a \$2.00 late registration fee is charged for each course. Late registrations will be accepted through February 21.

Course Transfers: Until February 21, students may transfer from one course to another without extra charge. After that date, there is a transfer fee of \$1.00, and transfers may be made only with the permission of the instructor concerned.

Class Schedule: Classes begin the week of Monday, February 11, and end the week of Friday, May 31.

National Institutes of Health Program: Registration for classes to be held at National Institutes of Health, Bethesda, Maryland, may be completed at the Department of Agriculture during the week of February 2-9, or at the National Institutes of Health, Room 1-N-242, Clinical Center, during the special registration week, February 11-15. Classes at NIH begin on Monday, February 18. A separate announcement of the NIH program is available at the Graduate School office, or in Room 1-N-246, Clinical Center NIH, OLiver 6-4000, Extension 2427.

Veterans: Veterans who are applying for entrance to the Graduate School for the first time under Public Law 550 are advised to consult with the Registrar well in advance of registration week. This may assure that their certificates of eligibility from the Veterans Administration will be granted in time for the semester.

Textbooks: Textbooks may be purchased at the Graduate School Bookstore, Room 1022, South Building, at the following times:

Registration Week, February 2-9 Saturdays 9-4 p.m. Monday-Friday 1-6:30 p.m. First week of classes, February 11-15 Monday-Friday 1-6:30 p.m.

February 18-March 1 Monday-Friday 4:30-6:15 p.m. Beginning March 4 Monday-Friday 4:30-5:30 p.m.

Withdrawals and Refunds: When a student withdraws from a course, a refund is granted in accordance with the following schedule.

Through February 25, tuition less \$5.00 for each course February 26-March 8, 60 per cent of the tuition March 11-22, 50 per cent of the tuition

Notice of withdrawal must be made in writing to the Graduate School office. Forms are available there for that purpose. Refunds are computed as of the date that notice of withdrawal is received in the Graduate School office. No refunds will be granted for any reason after March 22.

Parking Space—Cafeteria: Space for parking is available for students and faculty after 5:45 p.m. in three parking courts on the east and south sides of the Administration Building. The entrance to one court is on 12th Street, and to the other two on Independence Avenue. There is also parking space available on the Mall, north of the Administration Building.

The cafeteria, in the fifth wing of the South Building, is open from 5:00 to 6:15 p.m. Students should request cafeteria passes when they register if they plan to use the cafeteria before 5:30 p.m. After that time, passes are not required.

Business Office Hours: The Graduate School office, Room 1031, South Agriculture Building, 14th Street and Independence Avenue, S.W., Washington 25, D. C., is open from 9:00 a.m. to 6:15 p.m. Monday through Friday. Telephone—REpublic 7-4142, Extension 6337.

SCHEDULE OF CLASSES

No. Course title (Cr.) Instructor Day Time Fee Catalog page

BIOLOGICAL SCIENCES

1-300. Fundamentals of Entomology (3) Sailor W 6:10-8 \$36 p. 16

1-570B. Design of Experiments in Biological Sciences (2) Koch Tu 4:45-6:35 \$24 p. 16 (Meets at Plant Industry Station, College Park, Maryland)

1-635. Bacteriological Instrumentation (2) Ellinghausen W 7:10-9 \$24 (Meets at Beltsville, Maryland)

1-650. Outlines of Enzyme Chemistry and Their Bacteriological and Biochemical Significance
(2) Ellinghausen Tu 7:10-9 \$24 (Meets at Beltsville, Maryland)

The following courses in the Biological Sciences meet at the National Institutes of Health, Bethesda, Maryland

1-250B. Introductory and General Bacteriology (Second Half) (2) McCullough M 7:30-9:20 \$24 p. 100

1-275B. Fundamentals of Virology (Second Half) (2) Rowe, McBride W 7:20-9:10 \$24 p. 100

1-455B. Cellular Physiology (Second Half) (2) Shanes Tu 7:30-9:20 \$24 p. 101

1-449. Medical Mycology (2) Pine M 7-9 \$24 p. 101

1-508. Pathology of Infectious Diseases (2) Fite M 5:30-7:30 \$24 p. 102

1-576. Chemistry and Biological Activity of the Steroid Hormones (2) Nes Tu 8-10 \$24

1-628B. Advanced Bacteriology (Second Half) (2) Ellinghausen Th 7:10-9 p. 102

1-632. Nucleotides and Biological Synthesis (2) Kalckar Tu 8-10 \$24 p. 102
1-643. Advanced Topics in Biochemistry (2) Anfinsen, Stetten (hours to be arranged) \$24

LANGUAGES AND LITERATURE

English—Writing—Literature

2-95. Improving Reading Ability (non-credit) Murr M-Th 6:10-8 \$36 and \$15 laboratory fee p. 19

2-112. Practical English Usage (2) \$24 p. 20 Section I Mangold Tu 6:10-8 Section II Pritzker F 6:10-8

2-119. Vocabulary Building (2) Murphy Th 6-7:50 \$24 p. 20

2-222A. English Composition (First Half) (3) Weber F 6:10-8:30 \$36 p. 20

2-222B. English Composition (Second Half) (3) Ward M 6:10-8:40 \$36 p. 20

2-223B. Descriptive English Grammar (Second Half) (2) Harman Tu 6:10-8 \$24 p. 20

2-224. Readable Writing (2) Cowing M 6:10-8 \$24 p. 20

2-226. Introduction to Official Writing (2) McGinty, Schaal Tu 6:30-8:20 \$24 p. 20

2-227. Workshop in Official Writing (2) McClarren Tu 6:30-8:20 \$24 p. 21

2-230. Sentence Revision (2) Samson Tu 6:10-8 \$24 p. 21

2-235. Fiction Writing (2) instructor to be announced M 6:10-8 \$24 p. 21

2-242. Fiction Writing Workshop (2) Arnold M 6:10-8 \$24 p. 21

2-281. Feature Writing Workshop (2) Sours W 6:10-8 \$24 p. 21

4-421. Writing Procedures and Instructions (2) Pearson, Spiekerman M 6:10-8 \$24 p. 45

2-330B. Great Books-Reading List B (Second Half) (2) Ruppert W 6:10-8 \$24 p. 22

Information Methods

2-360. Advanced Practice in Editing (3) Edwards M 6:10-8:40 \$36 p. 23

2-237. Printing Procedure and Layout Design (2) White W 6:10-8 \$24 p. 23

2-415. A Workshop in Preparing Publications for a Mass Audience (2) Feldman Th 6:30-8:20 \$24 p. 24

Library Techniques

2-135. Introduction to Cataloging and Classification (2) Witty W 6:10-8 \$24 p. 24

2-136. Principles of Library Organization (2) Popecki Th 7:10-9 \$24 p. 24

2-145B. Law Librarianship (Second Half) (2) Bitner M 6:10-8 \$24 p. 25

Speech

2-228. Fundamentals of Speech (2) Roser Th 6:10-8 \$24 p. 25

2-232. Voice and Remedial Speech (2) Berlinsky T 6:10-8 \$24 and \$1 laboratory fee p. 25

(Schedule of Classes continued inside)

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No.
              Course title (Cr.) Instructor Day Time Fee Catalog page
                                                                                                                    Course title (Cr.) fustructor Day Time Fee Catalog page
 Foreign Languages
                                                                                                       5-349B. Physical Chemistry (Second Half) (2) Bradd M 6:15-8:10 $24 p. 103
 French
                                                                                                       5-102B. Theoretical Busis of Organic Chemistry (Second Half) (2) Nes W 6:15-8:15 $24
 2.68.
          Reading French-Grammar Review and Vocalculary Building (non-credit) Etlenne
                                                                                                                11, 105
          Th 6:10-8 $24 p. 26 (review course)
                                                                                                       5-719B, Enzyme Chemistry (Second Hulf) (2) Mehler W 7-8:50 $24 p. 105
         French for Travelers 1 (non-credit) Burgin W 6:10-8 $30 p. 26 (no previous
 2-87.
          study of French required)
                                                                                                                                      PUBLIC ADMINISTRATION
          French for Travelers D (non-eredit) Bargin W 6(10-8 p. 26
 2.97,
                                                                                                       General Administration
 2-253B.
        Elementary French (Second Half) (3) Bargin M 6:10-8:40 $36 p. 26
                                                                                                               American National Government (2) Nerboso Th 6:10-8 $24 p. 60
Conference Methods Workshap (2) Wright, Henderson M 6:10-8 $24 p. 60
         French Conversation (2) Etimme To 6:10-8 $30 p. 26
2-255.
 German
                                                                                                       6-400.
                                                                                                               Administrative Operations for Congressional Assistants (2) Eller W 6:10-8 $24
 2-66,
         Reading Scientific German (non-credit) Lederer W 6:10-8:40 $36 p. 27
          Rending German-General Vacadulary (non-credit) Lederer Th 6:10-8:40 $36 P.
 2-76.
                                                                                                       6-454.
                                                                                                                Applied Human Relations in Administration (2) Youmans Th 6:10-8:40 $24 p. 60
                                                                                                               Cuntemporary Trends in Public Administration (3) Stover Th 6:10-8:40 $36 p. 61 Rendings and Papers in Public Administration (3) Thurston (hours to be arranged)
                                                                                                       6.587.
          German fur Travelers (non-reolit) Bunor In 6:10-8 $30 p. 27
2.88.
 2-259B. Elementary German (Second Hulf) (3) Ledlerer Tu 6:10-8:40 $36 p. 27
         German Conversation (2) Ledever M 6:10-8 $36 p. 27
                                                                                                       6-105B. Principles and Techniques of O and M Work (Second Half) (2) Cook W 6:10-8
2,261.
Italian
                                                                                                                Reports and Forms Management (2) Rice, Lewis Th 6:10-8 $24 p. 62
                                                                                                       6-412,
2.270B. Elementary Italian (Second Hulf) (3) Bruer W 4:10-8:40 $36 p. 27
                                                                                                                Work Standards and Work Measurement (2) Schneider To 6:10-8 $24 p. 62
                                                                                                       6-519,
Russian
                                                                                                               Techniques of Organization (2) Jebens Tu 6:10-8:40 $24 p. 63
2-295B, Elementary Russian (Second Half) (3) Tarakus W 0:10-8:40 $36 p. 28
                                                                                                       Financial and Budgetary Administration
2-296B. Intermediate Russian (Second Half) (3) Saliarov Tu 6:10-8:40 $36 p. 28
                                                                                                       6-161B, Hospitat Administration (Second Half) (2) McNamara, Palmer M 6-7:50 $24
         Advanced Russian (3) Saharov W 6(10)-8(40 $36 p. 28
 Spanish
                                                                                                       Personnel Administration
2.89.
         Spanish for Travelers 1 (non-eredit) Ponce W 6:10-8 $30 p. 29
                                                                                                       6-414. Position Classification (2) Laxton, Findlay Tu 6:10-8 $24 p. 65
         Spanish for Travelers II (non-credit) Ponce Tu 6:10-8 $30 p. 29
                                                                                                                Advanced Wage Administration (2) Lambie M 6:10-8 $24 p. 65
2-300B. Elementary Spanish (Serona Half) (3) Jude W 6:10-8:40 $36 p. 29 2-301A. Intermediate Spanish (First Half) (3) Johnston W 6:10-8:40 $36 p. 29
                                                                                                                Employment and Plucement (2) Mandell F 6:10-8 $24 p. 66
2-302B,
         Spanish Composition and Conversation (Second Hulf) (2) Supervia Th 6:10-8
                                                                                                       Legal Administration
         $30 p. 29
                                                                                                       6-422B, Business Law (Second Half) (2) Johnson M 6:10-8 $24 p. 66
                                                                                                               Legal Aspects of Investigation-Criminal Evidence and Procedure (2) Koebel Th
    The following courses in Languages and Literature meet at the National Institutes of
Health, Bethesda, Maryland
                                                                                                                6:10-8 $24 p. 67
                                                                                                       Procurement and Property Management
         Basic Scientific and Medical Russian (non-credit) Shelokay Th 8-10 $24 p. 105
                                                                                                                Federal Contracting (2) Baldnuf, Zimmerman W 6:10-8 $24 p. 67
        Conversational and Scientific French (Second Half) (2) Schrecker W 6:30-8:30
                                                                                                                Fundamentals of Standardization (2) Rosenzweig Tu 6:10-8 $24 p. 87
                                                                                                       6.352A. Principles of Accounting (First Half) (3) Carter Tu 6:10-9:45 $36 p. 70
         Scientific German (2) Mosettig Tu 5:30-7:30 $21 p. 106
2.263.
                                                                                                       6-352B. Principles of Accounting (Second Half) (3) $36 p. 70

Section 1 Morshall M 6:10-9:45

Section 11 Rowe Tu 6:10-9:45
                           MATHEMATICS AND STATISTICS
Mothemotics
                                                                                                                Intermediate Accounting (Second Hulf) (3) flord M 6:10-8:40 S36 p. 70
3-2.
         Review of Calendas (non-credit) instructor to be announced M 6:10-8:40 $36 p. 34
                                                                                                                 Elementary Federal Government Accounting (3) Jenkins M 6:10-8:40 $36 p. 70
         College Algebra (4) Taybur M-Th 6:10-8 $48 p. 34
                                                                                                                Advanced Federal Government Accounting (3) Mason W 6:10-8:40 $36 p. 70 Mathematics of Accounting and Investment (3) Botts Tu 6:10-8:40 $36 p. 71
3-102.
                                                                                                       6-354.
3.103.
         Trigonometry and Analytic Geometry 14) Osborne M-Th 6:10-8 $48 p. 34. (Stu-
         ilents may register for either half or all of the course)
                                                                                                                Analysis and Interpretation of Financial Statements (2) Walling W 6:10-8 $24
                                                                                                       6.510.
3-206B, Calculos (Second Holf) (4) Kusner Tu-Th 6:10-8 $48 p. 35
         Introduction to Linear Programming (3) Gass M 6:t0-8:40 $36 p. 35
3.532.
                                                                                                       6-612B. Cost Accounting (Second Half) (3) Lobb W 6:10-8:40 $36 p. 71
                                                                                                                Internal Auditing (2) Cooper M 6:10-8 $24 p. 72
Accounting Systems (3) Nolan Th 6:10-8:40 $36 p. 72
3-533B.
         Introduction to Operations Research (Second Half) 13) Snaty W 6(10-8(40 $36
                                                                                                       6.684.
         p. 36
Stotistics
                                                                                                                                            SOCIAL SCIENCES
3-126A. Introductory Statistics (First Half) (2) Ranchschwalbe Th 6:10-8 $24 p. 36
        Introductory Statistics (Second Half) (2) Purves Tu 6:10-8 $24 p. 36 Elements of Statistical Drafting (2) Guidry T 6:10-8 $24 p. 37
                                                                                                       General Economics
3-135.
                                                                                                       7.201B. Principles of Economies (Second Bulf) (3) Stocker W 6:10-8:40 $36 p. 74
                                                                                                                Fiscal Policy (2) Stocker M 6:10-8 $24 p. 55

Modern Rennamic Thought (3) Allin, Cavin Tu 6:10-8:40 $36 p. 76
         Graphic Methods of Presenting Statistics (2) Hainsworth M 6:10.8 $24 p. 37
3.136.

        Machine Tabulation I
        (2)
        Kaufman
        W 5(30-8)20
        $24
        p. 37

        Machine Tabulation B
        (2)
        Kaufman
        F 6(30-8)20
        $24
        p. 37

3.318.
3-319.
                                                                                                       Agricultural Economics
3-380B, Principles of Statistical Analysis (Second Haif) (3) Stauber Tu-Th 6:00-7:15 $36
                                                                                                       7-109. Farm Management (2) Goodsell M 6:10-8 $24 p. 77
                                                                                                        7-414B. Economics of Marketing (Second Half) (2) Southworth, Trelogan W 6:10-8 $24
3-400B. Introduction to Mathematical Statistics (Second Half) (3) Weingarten Tu 6:10-
                                                                                                                 Agricultural Policies and Programs-Seminar (2) Wells M 6:10-8 $24 p. 78
         8:40 $36 p. 38
                                                                                                       7-716.
         Principles of Sample Design and Analysis in Agricultural Surveys (Second Half) (2)
3-408B.
                                                                                                                Production Policies and Programs-Seminar (2) Johnson Tu 6:10-8 824 p. 78
                                                                                                       7-720.
         Hemilricks Tu 6:10-8 $24 p. 38
         Data Processing on Electronic Computers I (2) Mitchell Tu 7:10-9 $24 p. 39
                                                                                                       Humon Relations
1-570. Design of Experiments in the Biological Sciences (2) Koch Tu 4:45-6:35 $24 p. 16
3-735B. Data Processing on Electronic Computers II (2) D. Armstrong Th 6:10-8 $24 p. 39
3-566. Data Processing on Electric Computers II (12) D. Armstrong Th 6:10-8 $24 p. 39
                                                                                                                General Sociology (3) Taylor Th 6:10-8:40 $36 p. 81 — Introduction to General Semantics (2) Saunders W 7:30-0:20 $24 p. 81
                                                                                                       7-215.
                                                                                                       7-400.
                                                                                                                Improving Buman Relations and Group Behavior (2) Bauer M 6:10-8 $24 p. 82 Social Psychology 13) Fitzpatrick Tu 6:10-8:40 $36 and $1 laboratory fee p. 82
                                                                                                        7-433.
    The following rowers in Mothemotics and Statistics need at the National Institutes of
                                                                                                                Personality Disarders (2) Cornsweet M 6:10-8 $24 p. 82
                                                                                                        7-142.
                                  Health, Betheson, Morghind
                                                                                                        History and International Relations
3-165B, Survey of Biomathematics (Second Half) (2) Geisser Th 6:10-8 $24 p. 105
                                                                                                                American History Since 1865 (3) Rasmussen Th 6:10-8:40 $86 p. 84
        Introduction to Experimental Statistics (Second Half) (2) 'Caylor W 5:45-7:35
                                                                                                                The United States and Asia (3) Gale Tu 6:10-8:40 $36 p. 84
         $24 p. 105
                       OFFICE TECHNIQUES AND OPERATIONS
                                                                                                                                               TECHNOLOGY
Clerical Administrative Procedures
                                                                                                       Engineering
        Everyday Mathematics (2) Botts W 6:10-8 $24 p. 42
                                                                                                                 Engineering Review fur P. E. Examinution thon-credit) Dell'Aria W 6:30-8:20 $24
4-101.
        Administrative Procedure (2) Hickey M 6-7:50 $24 p. 42
Supervision (2) Kirkham Th 6:10-8 $24 p. 42
Essentials in Good Management (3) Wagner Tu 6:10-8:40 $36 p. 42
                                                                                                        8-92,
4-108.
                                                                                                                 Electrical Engineering Review for P. E. Examination-Power (non-credit) Jessel,
4 \cdot 201.
                                                                                                                Thomas W 6:10-8 $24 p. 86
Principles of Electricity (2) Askeguard Th 6:10-8 $24 p. 86
1-206.
         Federal Fiscal Procedure (2) Krueger Tu 6:10-8 $24 p. 43
4 - 112.
                                                                                                        8-115B. Practical Radio and Television (Second Half) (3) Hauptman To 6:10-8:40 $36
         Federal Property Procedure (2) Gross Th 6:10-8 $24
4-113.
         Federal Personnel Procedure (2) Mohagen M 6:10-8 $24 p. 43
4.114.
                                                                                                                 and $5 Inboratory fee p. 86
        Federal Budgelary Procedure (2) Carlson To 6(10-8 $24 p. 44
                                                                                                                Fundamentals of Standardization (2) Rosenzweig To 6:10-8 $24 p. 87
4-116.
                                                                                                        8-465B. Applied Electronic Theory (Second Half) (2) Price W 5:10-8 $24 \(\rho\), 87 5-535B. Elements of Fluid Mechanics (Second Half) (3) Tepper Th 6:10-8:40 $36 \(\rho\), 87
        Advanced Records Management (2) buttrell, Lando Tu 6:10-8 $24 p. 44
Government Letter Writing (2) Boyd F 6:10-8 $24 p. 45
4.217.
4-330.
                                                                                                                Transmission Line Design (2) Jessel, Thomas M 6(10-8 $24 p. 88
4-421.
         Writing Procedures and Instructions (2) Pearson, Spiekerman M 6:10-8 $24 p. 45
                                                                                                        8-665,
Shorthond
                                                                                                        Surveying and Mapping
                                                                                                                Ground Methods of Topugraphic Surveying (3) Parkin M 6:10-8 and four Saturdays to be arranged $36 and $1 laboratory fee p. 91
         Review of Gregg Shortband (Anniversary) 60-90 Words (non-credit) Stern M Th
4.89.
         Beginning Gregg Shorthand Simplified t (3) Bell Tu F 6-7:20 $36 p. 46
1.129.
                                                                                                        Photogrammetry
         Beginning Gregg Shorthand Simplified II (3) $36 p. 46
4.130.
                                                                                                                 Photogrammetry II (3) Tewinkel, Kailenbach W 6;10-9:30 $36 p. 92
           Section 1 Ginsterland M-Th 6:10-7:30 (meets at Department of State)
Section 11 Walker M-Th 6:10-7:30
                                                                                                        8-252.
                                                                                                                 Introduction to Cartography (2) Foster Th 6:10-8 $24 p. 93
                                                                                                        8-125.
                                                                                                                 Cartographic Techniques and Map Reproduction (2) Delaney W 6:10-8 $24 p. 93
4-225.
         Gregg Shorthand Simplified H1 60-80 Words (3) Bell Tu-F 7:30-8:50 $30 p. 46
                                                                                                        8-240.
                                                                                                                 Map Projections and Grid Systems (3) Fonfara To 6:10-8:40 $36 p. 93
         Greeg Sharthand Simplified and Anniversary 80-100 Words (3) Way M W 6:10-7:30 $36 p. 46 (meets at Department of State)
4.226.
                                                                                                                 Small Scale Mans (2) Mererendy M 6:10-8 $24 p. 94
Elements of Genlesy (3) Diello Th 6:10-8:40 $36 p. 91
                                                                                                        8-425.
                                                                                                        8-140.
                                   PHYSICAL SCIENCES
                                                                                                        Fine Arts
                                                                                                                 Water Color Painting (2) Lyon M 6:10-9 $30 and $3 laboratory fee p. 94
                                                                                                        8-320.
5-225B. The Principles of Physical Science (Second Half) (2) Pallansch W 7:10-9 $24
                                                                                                                 Life Sketching (2) McKenna Th 6:10-9 $30 and $3 laboratory fee p. 94
                                                                                                        8.321.
                                                                                                                 Portruit Painting in Oil (2) Lazzari W 6:30-9 $30 and $3 laboratory fee p. 95
         Elementary Biochemistry (Second Half) (2) Hess W 6:10-8 $24 p. 48
Theoretical Organic Chemistry (2) Levy F 6:10-8 $24 p. 48
                                                                                                        8-323,
                                                                                                                 The Grammur of Art: Drawing and Pointing (Second Half) (2) China Tu 7-9:30
5-315 B.
5.541.
                                                                                                                 $30 and $3 laboratory fee p. 95
         Alkaloids, Glucosides, and Toxius of Biological Impurtance (2) Woodard Tu 6:10-8
5.545.
                                                                                                                 Modern Painters (2) Broadley M 6:10-8 $24 p. 95
                                                                                                        8-334.
                                                                                                        Applied Arts
Geography and Geology
                                                                                                                 Introduction to Interior Decoration (non-credit) Generatt To 6:40-8:30 $24 p. 95
                                                                                                        8.55.
                                                                                                                 Graphic Arts in the Federal Government (2) Eysenberg, Jex, Kennedy W 6:10-8
5-205.
        Practical Geology (3) Terman Tu 6:10-8:40 $36 p. 49
                                                                                                        8-144.
Soil Sciences
                                                                                                                   S24 p. 95
                                                                                                                 Landscape Use of Trees, Shrubs, Vines, and Plowers (2) Schultheis W 7:10-9 $24
5-405.
         Soils-Their Origin and Geography (3) Nikiforoff Tu 6:15-7:30 $36 p. 50
                                                                                                        8.285.
Meteorology
5-326 General Meleorology (3) Fritz Tu 6:10-8:40 $36 p. 52 5-533B. Hydrology (Second Half) (3) Nordeuson Tu 6:10-8:40 $36
                                                                                                        Photography
                                                                                                                 Piqular Photography (non-credit) MeHenry Tu 6:30-8:20 $24 p. 96
                                                                                                        8.70.
                                                                                                                 Lithography 1-Camera (d) Novak Tu-Th 6:10-8 $48 and $6 laboratory fee p. 96
5-534B. Introduction to Dynamic Meteornlagy (Second Half) (3) Curlin M 6:10-8:40 $36
                                                                                                        8-161.
                                                                                                                 Lithography II (3) Hammi M 6:10-9 $36 p. 96
                                                                                                        8-163.
                                                                                                                 Fundamentals of Photography 1 (2) Cobb W 6:10-8 $24 p. 97
5-535B, Elements of Fluid Mechanics (Second Half) (3) Tepper Th 6:10-8:40 $36 p. 52
                                                                                                        8 - 102.
                                                                                                                 Practice of Photography 1 (2) Burnett M 6:10-8 $24 and $6 laboratory fee p. 95
         (meets at Weather Bureau)
                                                                                                        8-193.
                                                                                                                 Fundamentals of Photography 11 (2) Vary M 6:10-8 $24 p. 97
5-580B,
         Advanced Weather Analysis and Farceasting (Second Half) (3) Gray, Winston
                                                                                                        8-195.
                                                                                                                 Printing of Photography II (2) Burnett W 6:30-8:20 $24 and $6 inboratory fee
          W 6:10-10:00 $36 and $1 laboratory fee p. 53
                                                                                                        8-196.
         Tropical Metenrology (3) Hubert W 6:10-8:40 $36 p. 53
5.589.
                                                                                                                 Better Pictures Through Compasition II (2) Miller M 6:10-8 $24 and $2 laboratory
         Practical Electronics for Ocennographers (2) Brock Th 5:30-7:30 $24 p. 54
5-585.
                                                                                                        8-197,
         (Meets at Suitland, Maryland)
                                                                                                                 Color Photography 1-Monnouk Cular Printing (3) Rodbell To 6:10-8:40 $36 and
5.655.
         Ocean Surface Waves (2) Schule Tu 5:30-7:30 $24 p. 54 (Meets at Snitland,
                                                                                                        8-270.
         Maryland)
                                                                                                                    $12 laboratory fee - p. 98
                                                                                                                 Color Photography III-Separation Negatives for Cutar Printing (3) Rodbell Th
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8-360B.

8-011.

6:10-8:40 \$36 uml \$12 luberatory fee µ, 98

Portrail Photography (Second Bulf) (2) Fardy Th 6:10-8 \$24 and \$4 laboratory

Pholographic Roundtuble (non-credit) Cobb F 8-to \$2 \ \mu. 99

The following enryses in the Physical Sciences must ut the National Institutes of Health,

Bythesdu, Maryland

5-316B. Introductory Biochemistry (Second Half) (2) Prescott Tu 5:40-7:30 \$24 p. 103

5-100B. General Chemistry (Second Hulf) (3) Pratt Tu Th 6-7:15 \$36 p. 103

Elementary Glassblowing (non-credit) Perrine Tu fi-8 \$24 and \$10 laboratory fee



1957 SPRING SCHEDULE OF CLASSES

